

**Escherichia coli and Total coliforms
ReadyCult**

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Facility Name: _____ VELAP ID: _____

Assessor Name: _____ Analyst Name: _____ Inspection Date: _____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
<i>Records Examined:</i> SOP Number/ Revision/ Date _____ Analyst: _____ Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
Are media stored at room temperature, 15-25°C?	7.1				
Are sample containers sterile vessels?	8.1.1				
For nonpotable water, are samples preserved at <10 °C and analyzed (incubation started) within 8 hours of collection?	40 CFR 136.3 Table II				
For drinking water, are samples preserved at <10 °C and analyzed (incubation started) within 30 hours of collection?	40 CFR 141.21				
Are the contents of a ReadyCult snap-pack aseptically added to 100 mL of sample, and the vessel sealed and shaken to dissolve?	11.1.2, 11.1.3				
Are samples incubated in an air-type incubator for 24 ± 1 hour at 36 ± 1°C or 35 ± 0.5°C?	11.1.4				
After incubation, are samples with blue-green color interpreted to be positive for coliform bacteria? (<i>No blue-green indicates a negative.</i>)	11.2.1, 11.2.4				
After incubation, are samples with blue-green color which exhibit fluorescence under U/V light interpreted to be positive for E. coli.? <i>Note: The solution will glow a uniform, bright, light-blue throughout.</i>	11.2.2				
If secondary confirmation is required, does the analyst add approximately 2.5 mL KOVAC's indole reagent directly to the broth and interpret the immediate formation of a red ring to indicate the presence of E. coli.?	11.2.3				
Are sample results reported as either positive or negative (present or absent) for total coliforms and/or E. coli.?	12.0				
Is the detection limit reported as 1CFU?	1.4				

Notes/Comments: